

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056592 A1

(51) International Patent Classification⁷: C07K 14/47 (74) Agent: HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

(21) International Application Number:
PCT/GB2004/003492

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0328690.3 10 December 2003 (10.12.2003) GB
60/554,990 19 March 2004 (19.03.2004) US

(71) Applicant (for all designated States except US): LUDWIG INSTITUTE FOR CANCER RESEARCH [CH/CH]; Postfach, CH-8024 Zürich (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LU, Xin [CN/GB]; Ludwig Institute for Cancer Research, Imperial College School of Medicine at St Mary's, Norfolk Place, London W2 1PG (GB). SLEE, Elisabeth [GB/GB]; Ludwig Institute for Cancer Research, Imperial College School of Medicine at St Mary's, Norfolk Place, London W2 1PG (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/056592 A1

(54) Title: TUMOUR SUPPRESSOR PROTEIN

(57) Abstract: We describe a polypeptide which binds and modulates the activity of a tumor suppressor polypeptide, for example p53; a nucleic acid molecule encoding said protein and screening methods which modulate the binding activity of said polypeptide for its target polypeptide(s).